

## VI. Abstract

5 A filter cartridge assembly for a vacuum cleaner that  
includes a main housing having an inlet and an outlet. The  
filter cartridge fits in a chamber where a motor and bell  
housing provides a vacuum on the outlet of the filter  
cartridge thus drawing air from the inlet to the outlet,  
and at least a first filter is arranged between the inlet  
and the outlet for filtering the air. The air must pass  
through one or more filter layers before exiting to the  
10 motor and bell housing. The described filter cartridge  
functions within the body of several vacuum cleaning  
machines.